G. R. S. IX-5]

Previous references.

1929-20

(G.M)

File No. 189-19

Serial Nos. 1611

Later references.

"Preserved"

"Preserved"

GENERAL AND REVENUE SECRETARIAT.

V

Serial Nos. 1611

Part B for August 1920.

SUBJECT.

Invention for "An improved ~~arrangement~~ [illegible]
by Messrs John Albert Lee and John Anderson Meiklejohn
of John E. Meiklejohn Lee of Ballard Road, Bombay.

Jan 11. To The Supdt: Govt: Museum,
" Chief Engineer & Inspector &
" Secy: Chemical & Industrial [illegible]
No: G3060-2 & 7-8-20.
For the Specification for record.

Chamberlain
16/8/20. V

WD 2233—GPB—20,000—14-6-20

Inv. No. 31.

G. R. S. III—1] 1920.

GENERAL AND REVENUE SECRETARIAT.

(Gen.)

NOTES.

File No. 189-19

FILE HEADING.

Invention for "An improved crematorium" by Messrs. John Albert Lee and John Anson Minnitt of John S. Minnitt Ltd. of Ballard Road, Bombay.

From

Messrs. De Penning & De Penning, Patent Agents, Calcutta.

Letter No. 111 Dated 23.3.1920 Received 29.3.20

Diary No. 1674	Enclos. 2 Spare Copies.	Serial No. 1

BRIEF ABSTRACT OF LETTER.

Forward an application, together with a Power of Attorney authorising them to act on behalf of the applicants referred to above, and advise remittance of the fee of Rs 105 and request leave to file a specification of the invention.

NOTES AND ORDERS.

B.

1) The money has been received (vide ~~Cashier's Certificate~~ M.O. Coupon)
The Power of Attorney is received duly impressed with the Mysore Govt. Stamp of the value of Re 1/.

2) The inventors have obtained a patent in British India for their invention (Patent no. 4424 sealed on the 18th Septr. 1913).

NOTES—First Sheet.

G. R. S. [11-2]

General and Revenue Secretariat.

6760
1372

G. R. File No. 189 of 1919-20

Serial No.	
	3) The T.R.R is put up, duly entered. Submitted with a draft. MA 29.3.20 29/30 Ally 4) Issue DCS 30/3/20.
2	The Hon'ble Dy:- Officer Rs: Rt: No. 242 of 31-3-1920 Acknowledges the receipt of the letter referred to in the 1st.
3	To The Secretary to the Board for Chemical & Rec: &c. G. 23079 of 7.4.1920. Forwards for report of the board the application referred to in the 1st.
4	From the same officer. Letter no. 1141 dated 17.4.1920. With reference to 1st:3, states that leave may be granted to the applicant to file the specification of the invention referred to in 1st & returns the application 5) Submitted with 2 drafts. MA 20.4.20 Ally 6) For ~~Issue~~ approval. DCS 20/4/20. 2nd Member)
	7) Drafts approved Ally 21.4.20 8) Issue DCS 22/4/20.

6675-89
20-4-1920

NOTE—Contn. sheet.

G. R. S. III-2)

1517

(3

General and Revenue Secretariat. | File No. 189 of 1919.

Serial No.

5 To Messrs. Delenning & Delenning
S. 25043 of 4.5.20.
Authorises the filing of the specification of the invention refd. to in 4 C.

6 To Messrs. Delenning & Delenning
S. 25044 of 4.5.20.
Forwards a copy of 5 C & N being sent to the party concerned

Sus.)

7 From

Messrs Delenning, Delenning, Calcutta
Letter of 9-7-1920.

Forwards 4 copies of the specification of the invention together with the G.O. No: 5 and advises Remittance of Rs 30/- being the filing fees and request the issue of the usual certificate

2) The Attorneys request that the name of the applicants order in which the name of the applicants appear in the G.O. may be put in some other order and consequently in the application also. According to section 18, the specification should be amended so in the material part thereof as stated therein. For so amending a fee of Rs 20/- is charged. In the present case, the firm request the names only be reversed from the order in which they appear. There is no alteration

3 to 4

NOTE—Contn. sheet.

Serial No.

ni the Specification of the invention proper. Hence it appears that the section does not apply in this case and no fee can be charged.

10) The names as requested to be altered may be published in the notification.

11) Submitted with the usual drafts and the D.R.R duly entered. The certificates at the margin is require signature.

7 & 9

12) Issue

27/7/20

From the Dep: Dept: of Rr: D.O.No. 2289/28/5/20 dtd 27/7/20.

8 Acknowledges the receipt of Rs 30 refd: to above

9. To, The Compiler, Mysore Gazette.

Notification No. G. 3058. Dt 7/8/20.

~~The Specif~~ Notifies the filing of the Specification of an invention for "An improved Crematorium" by Messrs John Anson Miniitt A.M.I.M.E. Managing director, and John Albert Lee A.M.I.M.E. Director, both of John C. Miniitt Ltd of Ballard Road, Bombay

10. To, Messrs Deperning & Deperning of Calcutta.

G. 3059(2) Dt 7/8/20.

Forwards a copy of the Notification referred to in Serial 9, in regard to the invention filed by them

11. To, The Supdt. Govt. Museum

" Chief Engineer in Mysore.

" Secretary to the Board for Chem[l] & Ind[l] Research etc

G. 3060-2 Dt. 7-8-20.

Forwards a copy of the Specification referred to in serial for record in his office

NOTE.—Contn. she[et]

5

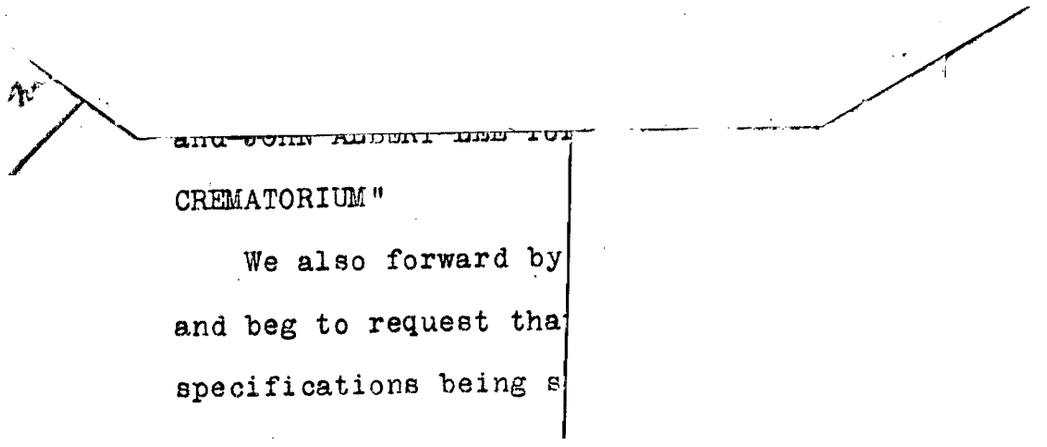
ERRATUM.

No. 4424, 6th May 1919.

For name and occupation of the applicants on page 1 of the specification, *read* John Anson Minnitt, A. M. I. M. E., Managing Director, and John Albert Lee, A. M. I. M. E., Director, both of John E. Minnitt Limited, of Ballard Road, Bombay.

H. G. GRAVES,

Controller of Patents.



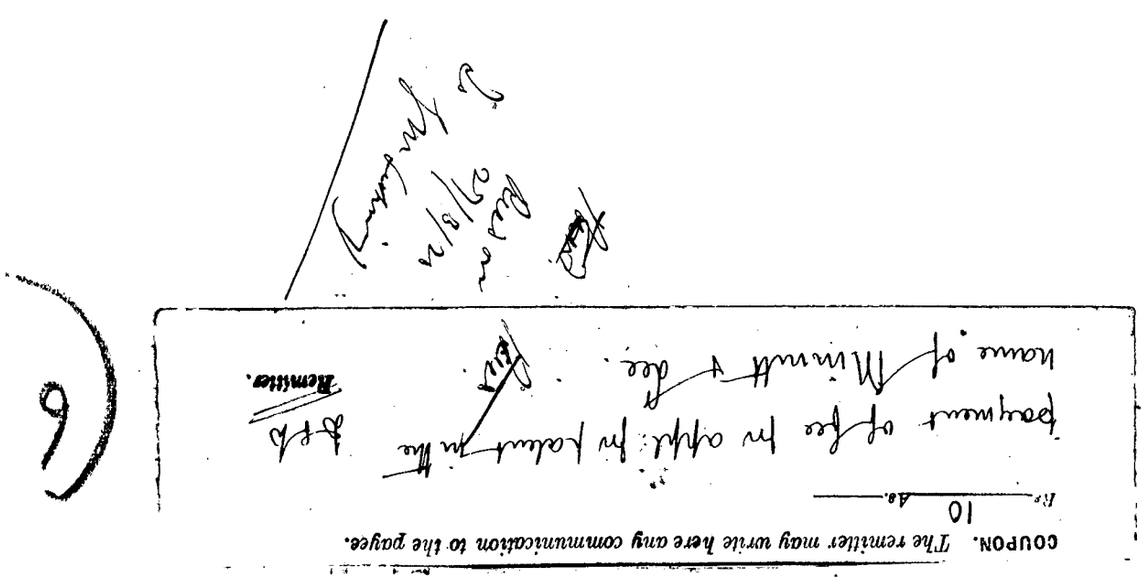
DEPENNING & DEPEN
PATENT AGENTS
CALCUTTA.

NOTE.—The following certificate must be signed in all cases. If the Bill bears date within the 15th of the month, the word "current" may be changed to "last." The Treasury Officer shall refuse to encash a bill unless the proper certificate is signed.

I certify that my Detailed Contingent Bill for all contingent charges drawn by me prior to the 1st of the current month has been forwarded on with all necessary vouchers to the Head of my Department for countersignature and transmission to the Comptroller of Mysore.

Dated

The 191 . Signature and Office of Disbursing Officer.



Finl. 22] ABSTRACT CONTINGENT BILL.

NOTE.—If this Bill is headed with any other month than that in which it is presented for payment, or if the certificate overleaf regarding submission of detailed Bills is not signed, the Treasury Officer must return it for correction or for the requisite certificate.

Government of Mysore | Bill for Contingent Charges of | Month of

Head of Service | Voucher N

Nos. of Sub-Vouchers	Description of Charge and date of authority (where special sanction is necessary)	Amount
		* Rs. a. p.
		Rs. a. p.

The total of this Bill must be entered in both words and figures

In words Rupees

* This column should, when charges are described, exhibit the component parts of the detailed head. The total of each detailed head will be entered in the next column.

N. B.—The Treasury Officer will make payments on this form as often as required, but the drawer should be careful to include in the Detailed Contingent Bill of a month only the amount of all abstracts encashed at the Treasury during the month.

Dated | Received Contents.

The 191 | Drawing Officer.

(7

Pol 1891-19-2

Duplicate.

(To be returned to the General and Revenue Secretariat for being placed in the file.

1. No. 242
2. Date of Remittance. 31st March 1920
3. From whom received. Messrs. Arbuthnot & Co. Madras
4. Date of receipt of amount in the General and Revenue Secretariat. 27.3.20
5. On what account. Applⁿ fees for issue of 31.3.1920 by J.A. Lal & J.A. Minnikanth
6. Amount (in figures and words). Rs. 10/-
   Rupees Ten only
7. The head to which it should be credited.

(To be filled in by the Treasury.)

for Subbarayappa.
for Secretary to Government,
General Department.

The above amount has been duly received and credited in the Treasury on this date.

Date

Hd. Acctt. *Treasurer.* *Try. Officer.*

N. B.—Both the counterfoil and the duplicate to be returned to the General and Revenue Secretariat duly signed by the Treasury Department.

G. R. S. VI.—5-v/18]

DRAFT.

SUBJECT.....

.....

.....

Section. Gen.
File No. 189-19
Serial No. 3

Diary No. of letter replied to.....

No. G 2307 Encl

To

The Secretary to the Board for Chemical & industrial research and scientific advice,

GENERAL AND REVENUE SECRETARIAT,
( )
, *the*.....*191*

Date of issue..... 7/4

Signed by.....

Has the honor to forward herewith the opinion of the Board. for ~~report~~ under Sec. 6, Cl. (2) of the Mysore Inventions and Designs Regulation, XI of 1894, an application for leave to file a specification of an invention for "An improved crematorium" by Messrs. John Albert Lee and John Anson Minnitt of John E. Minnitt Ltd. of Ballard Road, Bombay

By Order,

DCS
30/3/20.

for Chief Secretary to Government.

29.3.20 30/3/20

5/4

Board for Chemical and Industrial Research
and Scientific Advice.

Bangalore, Dated....17th April.....192 .

28302 No. 141 Encl. specification.

DIARY NO. 1807

FROM

S. G. SASTRY, ESQ., B.A., M.Sc., F.C.S.,
SECRETARY, BOARD FOR CHEMICAL AND INDUSTRIAL RESEARCH
AND SCIENTIFIC ADVICE, BANGALORE.

Dept. Ch Secy
19 APR 1920

CHIEF SECRETARIAT
IV
MINOR Depts.
19 APR 1920

C.S. BALASUNDARAM IYER, ESQ., B.A.,
Chief Secretary to the Government of
His Highness the Maharaja of Mysore,
Bangalore.

SIR,

Refce:- Your No.G.23079/G.M., 189-19-3
dated 7th April 1920.

With reference to the above, I am directed to state that leave may be granted to file the specification of an invention for "An Improved Crematorium" by Messrs. John Albert Lee and John Anson Minnitt of John E.Minnitt of Ballard Road, Bombay.

I have the honour to be,
Sir,
Your most obedient servant,

S G Sastry
Secretary.

Mysore..

To,

The Dewan of Mysore

The application of JOHN ANSON MINNITT, A.M.I.M.E., Managing Director, and JOHN ALBERT LEE, A.M.I.M.E., Director, both of John E. Minnitt, Limited, of Ballard Road, Bombay, for leave to file a specification under Part 1 of the Mysore Invention and Design Regulation, 1894.

1. The applicants have obtained a patent in British India No 4424 dated and sealed as of the 6th day of May 1919 (see Gazette of India dated the 17th May 1919), and actually sealed on the 18th day of September 1919 (see Gazette of India dated the 27th September), for "AN IMPROVED CREMATOR-IUM".

2. To the best of the information and belief of the applicants, the invention is new within the meaning of Part 1 of the Mysore inventions and Designs Regulations, 1894, and no circumstance exists which, if the applicants are authorised to file a specification and file it in accordance with that Part, will disentitle them to an exclusive privilege thereunder in respect of the invention.

3. The following is a description of the invention

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

Our invention relates to improvements in crematoriums and has for its object to meet a demand for a method for the burning of bodies of Hindoos and others in a sanitary and economical manner, to replace the existing custom of burning same in the open and to do so without undue interference with religious customs and susceptibilities.

Our invention is illustrated in the following drawings in which:-

Figure 1 is an elevation,

Figure 2 is a plan, and

Figures 3 and 4 are end elevations of our improved crematorium.

The first operation is to heat the whole plant by a fire of wood or coal or oil, etc. in the furnace proper A.

The body delivered for burning is placed on the tresles C. C. C.

The conveyor apparatus D is suspended from the pulley P which travels on the guide rail R and is swung round by means of its weighted handle H to a position over the body, the grabs being constructed so that they rest at the "open" position, thus permitting the arms to pass over the body and are then closed by hand, the handle H is now tilted and the weight of the body which is now resting on the arms being greater than the total weights of the counterpoise at the upper end of the arms they are retained in "closed" position, thus containing the body in a kind of cage.

The grabs consist of a number of pairs of semicircular arms J.J.J. pivoted in the conveyor D and having their upper ends weighted, the lower ends of these arms are constructed to remain at the open position until it is desired to lift the body, they are then closed by hand, and the weight of the body during the operation of lifting is sufficient to prevent the grabs opening.

Any convenient number of grabs may be used.

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

At this point the "Starting of the fire" ceremony is performed and then the body is swung round until in line with the crematory chamber B the crematory chamber door W is opened and the conveyor with the body travels along the guide rail R on the pulley P into the crematory chamber B.

The body rests on the points B 1 within the crematory chamber B, and the weight of the body being thereby removed from the arms of the grabs, the arms open and automatically release the body. The conveyor is then withdrawn, the door closed and the incineration begins.

The body is supported within the chamber on pillars or walls built of brickwork or other refractory material and is constructed so that their upper ends are rounded and has a deeper sloping surface on the side away from the furnace so that the flames are directed on practically the whole body and the heat received on the deper sloping surfaces radiates the heat back on to the body. Any convenient number of supports may be used.

The furnace in the accompanying drawings is shown built in a line with the crematory chamber B, but this may be constructed at any convenient angle, the crown of the furnace is preferably built in a slope towards the crematory chamber B but may also be built straight, the furnace is fired and regulated through the door X at the further end.

The chimney is connected to the furnace by the flues E.E.E.E and the heat must pass through the body. This change in the direction of the flow of the gases at the point of contact with the body causes the gases generated by products of combustion of the furnace to throughly mix with the gases generated by the burning body, and the ~~cylcni~~ cyclonic action thus produced assists the rapidity of burning by its disintergratory effect.

The body is reduced to ashes after a certain period, and the ashes can be recovered from the subsidiary chambers into which it has fallen by gravity through the doors F.F.F.F.

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

The heat can be maintained in the furnace and renewed through the door X and the crematory chamber is ready for another operation.

We claim:-

1. In a crematorium, the construction of a crematory chamber in direct relation with a furnace, in which the furnace proper may be fired continuously whilst the crematory chamber be used intermitently.

2. The supports for the body within the crematory chamber consisting of pillars or walls built of brickwork or other refactory material having the upper ends rounded, with a deeper sloping surface on the side away from the furnace, so that the flames may be directed on the whole of the body and radiate the heat received by the sloping surfaces back on the body.

3. In a crematorium the construction of subsidary chambers, substantially as and for the purpose described.

4. In a crematorium as claimed in Claim 1, the construction of flues passing from below the body to be cremated to the chimney, substantially as and for the purpose described and as illustrated in the accompanying drawings.

5. The use and construction of grabs for a crematorium, each consisting of a pair of semi-circular arms pivotted to the conveyor and surmounted by weighted ends, adapted to raise a body from the trestles and to place same on the points within the crematory chamber, substantially as described and as illustrated in the accompanying drawings.

6. A crematorium constructed substantially as described and as illustrated.

DePenning & DePenning
Patent Agents
Calcutta.

(14

The applicants, therefore, apply for leave to file a specification of the invention pursuant to Part 1 of the Inventions and Designs Regulation, 1894.

John Albert Lee

John Agnew Kennedy

We, the applicants abovenamed, do declare that the facts stated in this application are true to our knowledge, except as to matters stated on information and belief, and as to those matters we believe them to be true.

Dated the 31st day of May 1919.

John Albert Lee

John Agnew Kennedy

Mysore

15

GOVERNMENT OF MYSORE 23 JU 19 1 RUPEE

POWER OF ATTORNEY

In the matter of Regulation No. XI of 1894 and in the matter of JOHN ALBERT LEE, A.M.I.M.E., [redacted] Director and JOHN ANSON MINNITT, A.M.I.M.E., Managing Director, Both of John E. Minnitt Limited of Ballard Road, Bombay.

We, the above named applicants do hereby retain, constitute and appoint Lionel A. DePenning and Harold A. DePenning of the firm of DePenning & DePenning, Patent Agents of 10 Government Place, East, Calcutta, as our Agents and Attorneys to apply for and obtain from the Governemt of Mysore an Exclusive Privilege or Letters Patent for our invention for "AN IMPROVED CREMATORIUM" and to maintain the same in force, and we authorise them or either of them to sign our names to such papers and writings, and to such acts, including substitution or revocation, as may be necessary or expedient, and lastly request that all official communications now or hereafter relating to the same may be addressed to them at their office in Calcutta and that they be recognised as our authorized agents in all proceedings incidental thereto.

Dated this 30th day of May 1919

John Albert Lee
A. J. Lee

in the presence of
Geo. C. Minnitt.
M. Gobrani.

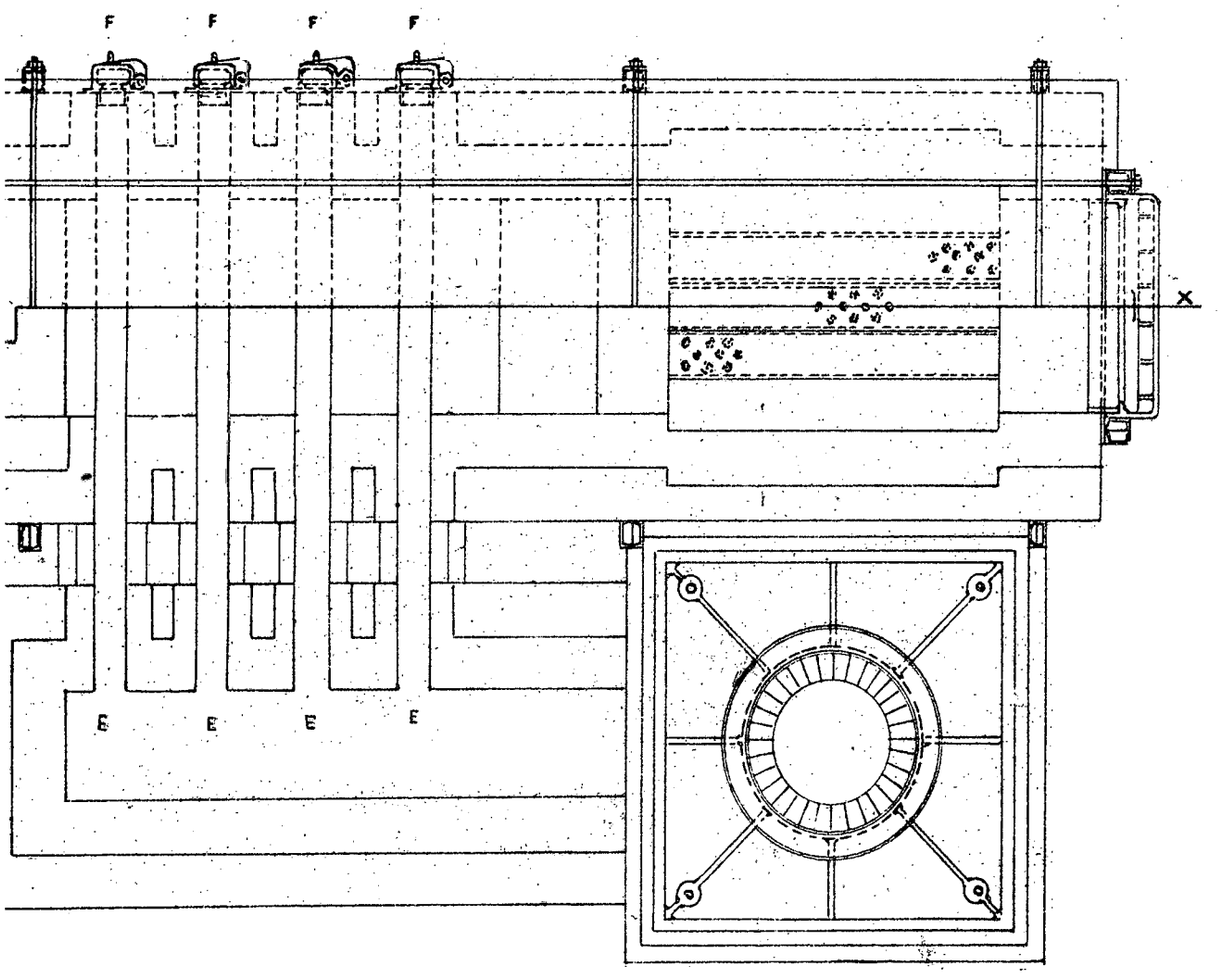
in the presence of
Geo. C. Minnitt
M. Gobrani

John Anson Minnitt

3 Sheets

SHEET No. 1.

C. 2.

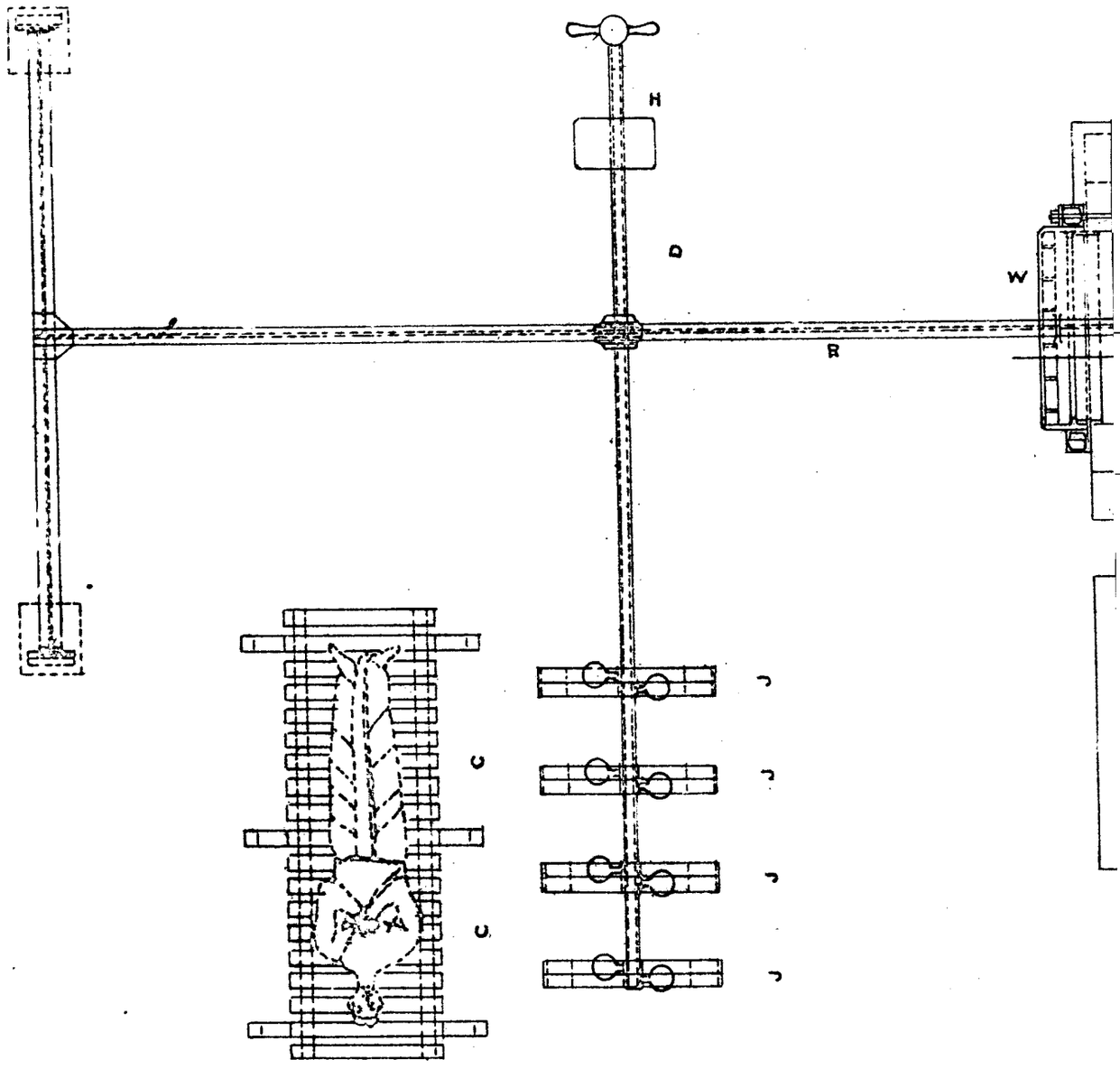


Delemming & Delemming
Agents for the Applicants.

J. A. Lee & J. A. Minnitt.

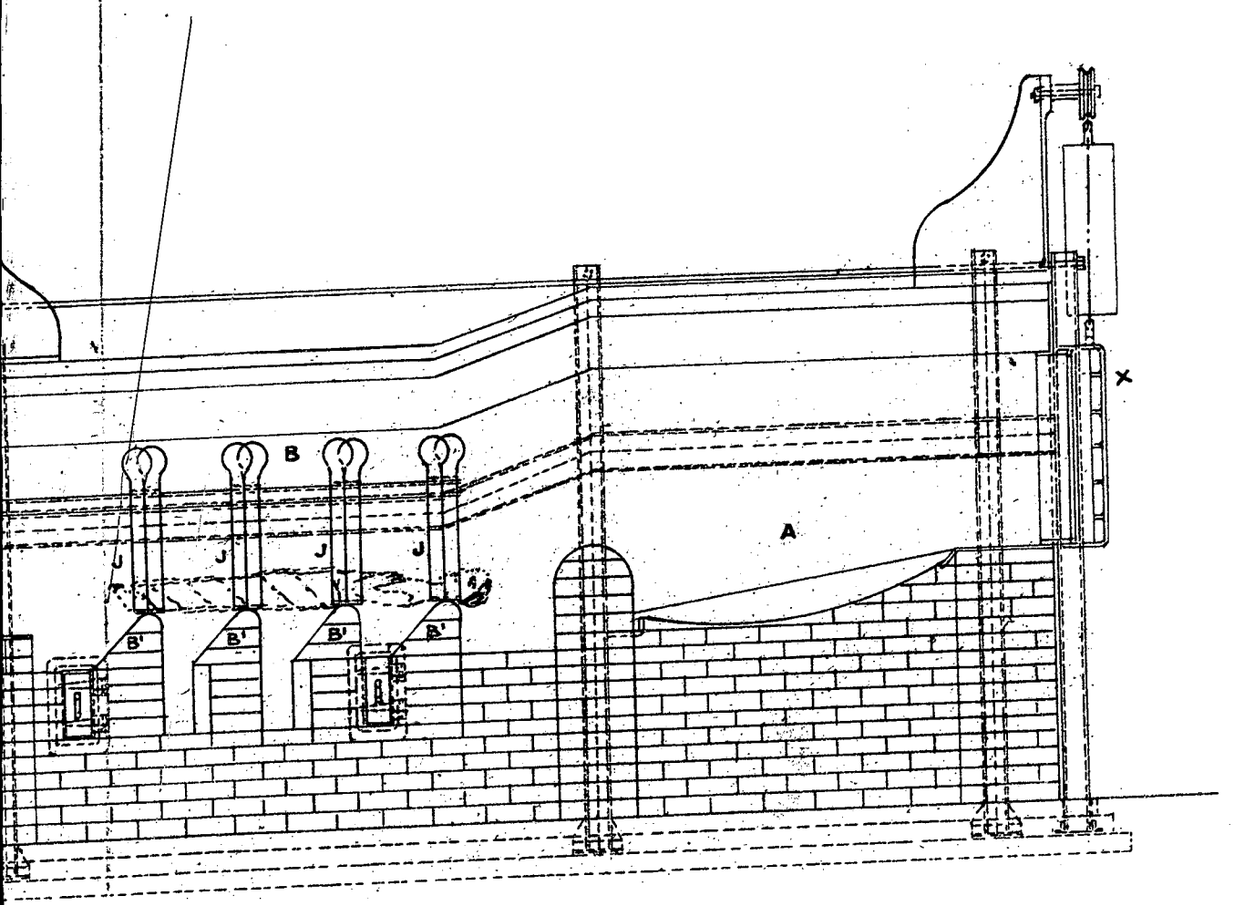
No 4424 of 1919.

FI



3 Sheets

SHEET No. 2.

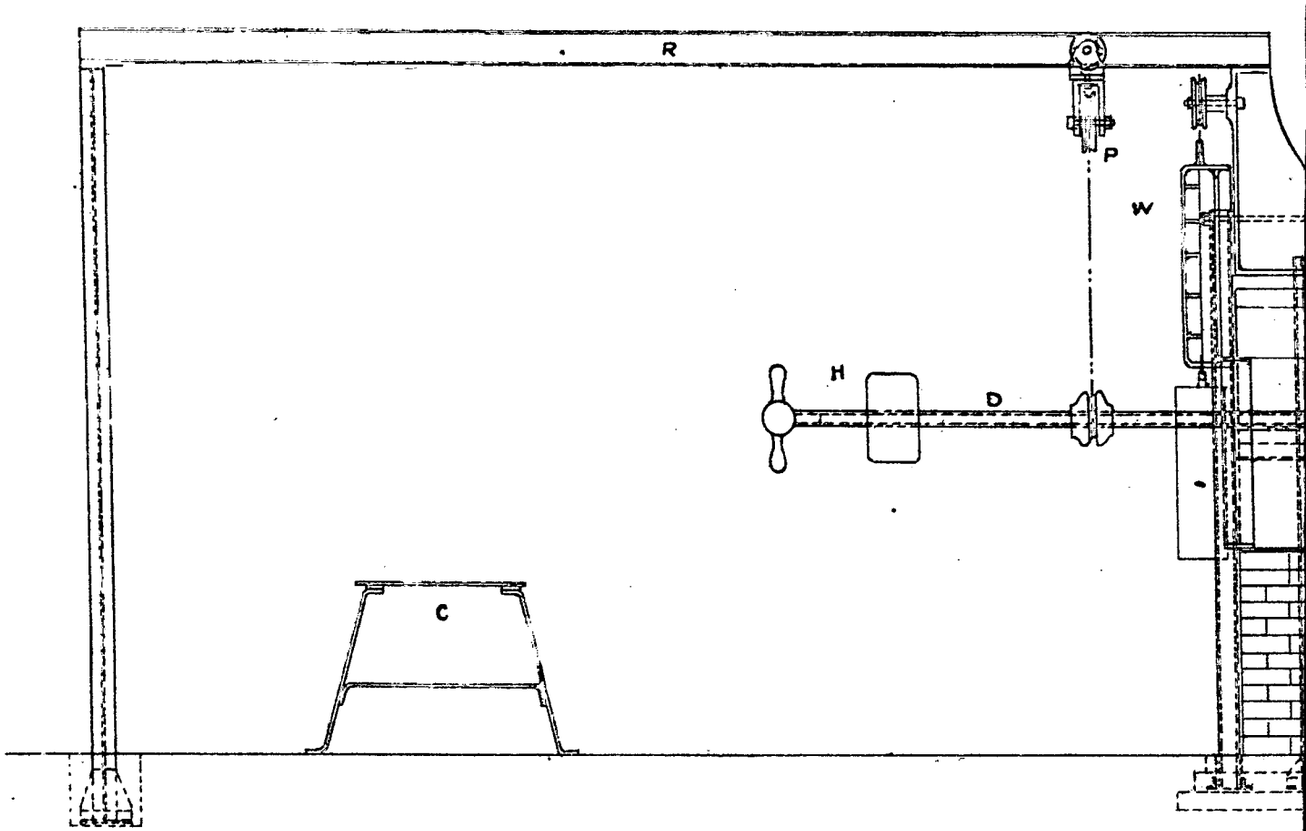


Delemming & Delemming
Agents for the Applicant

J. A. Lee & J. A. Minnitt.

No 4424 of 1919.

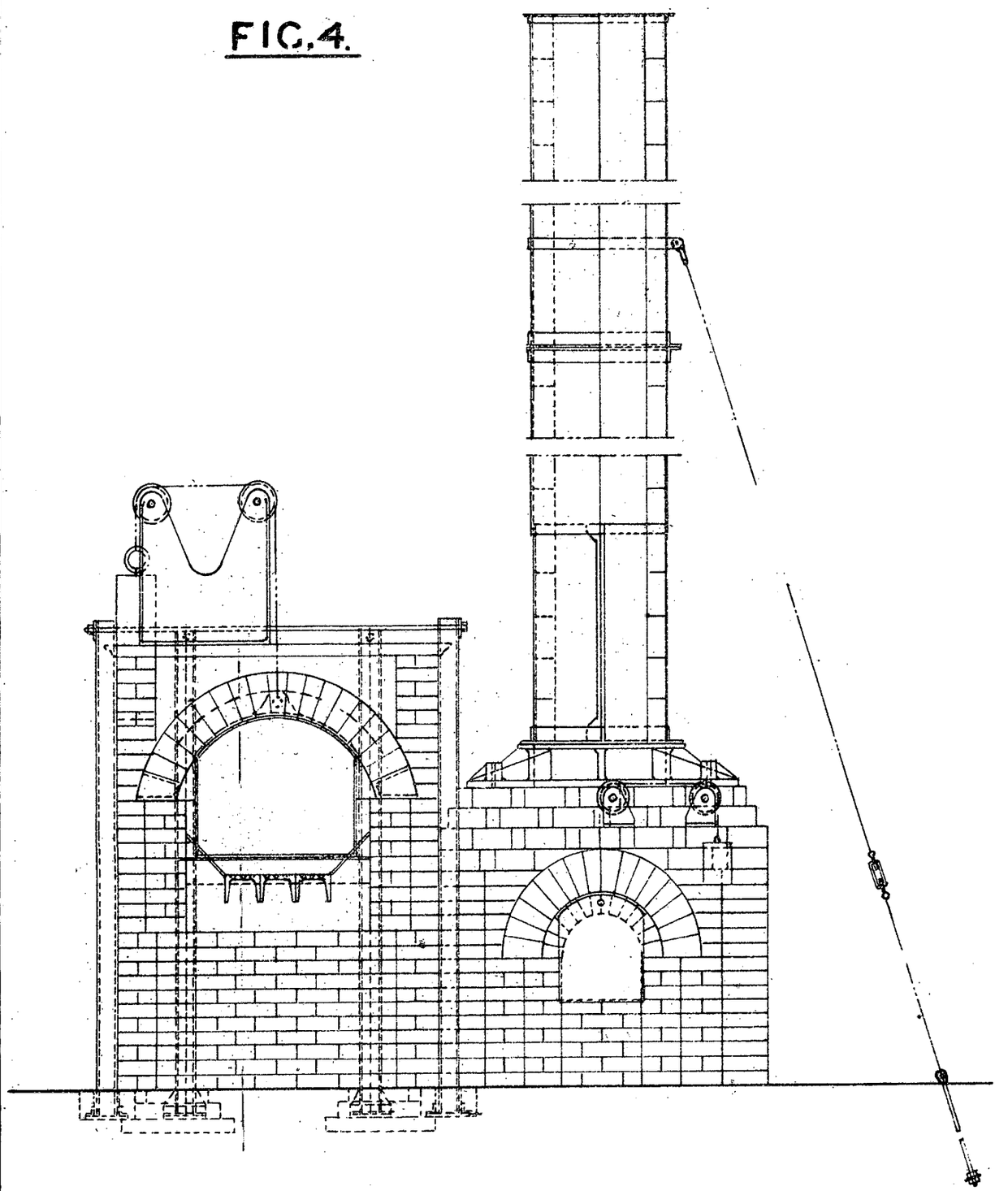
FIG. 1



3 Sheets

SHEET No. 3. (17)

FIG. 4.

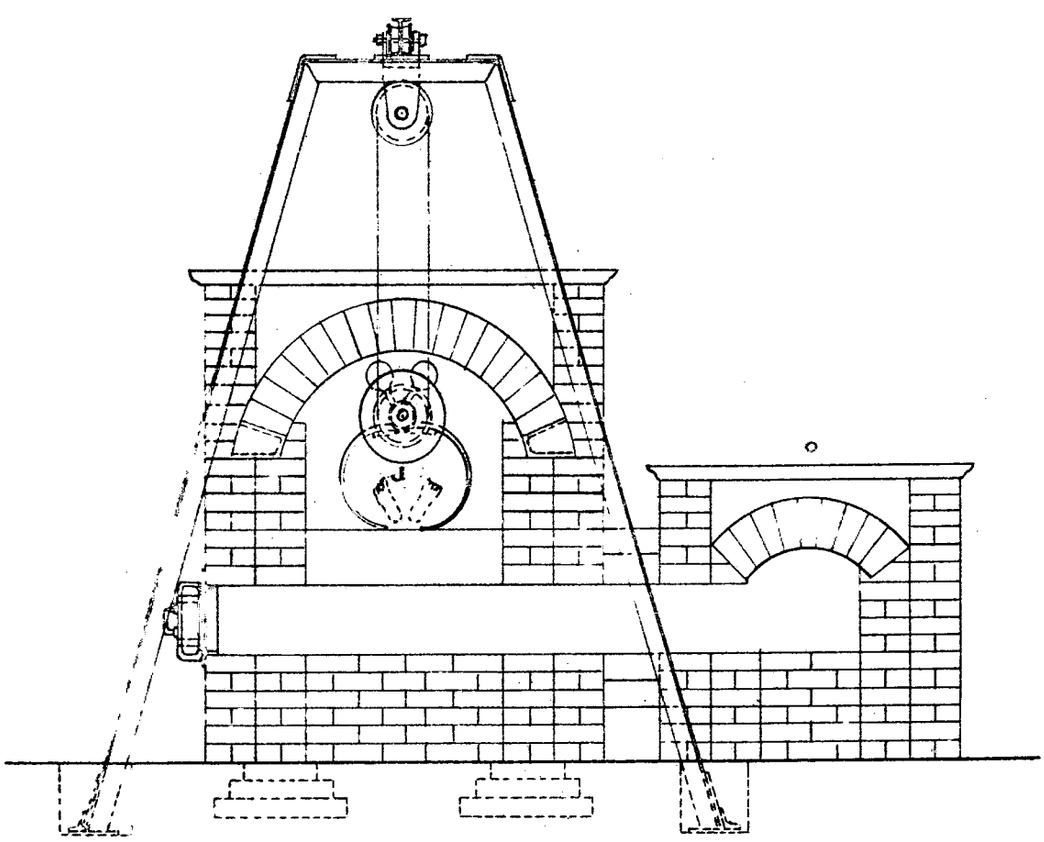


Delanney & Delanney
Agents for the Applic

J. A. Lee & J. A. Minnitt.

No 4424 of 1919.

FIG. 3.



DOG 25043. 20/4/20

Draft.

G. M. 189-19-5

19

WJ 4.5.1920.

G. R. S.VI—s.-v/21]

Government of Mysore.

GENERAL DEPARTMENT.

Register No.....31.....of 1919-20

Bangalore, the.....19

WHEREAS an application, dated the.....23rd March 1920 and received on the.....29th March 1920, has been submitted under Section 5 of the Mysore Inventions and Designs Regulation, 1894, by.....Messrs. John Albert Lee Anson Minnett and John Albert Lee Anson Minnett, Director and Managing Director respectively of John E. Minnett Ltd. of Ballard Road, Bombay

(hereinafter referred to as "the applicant") for leave to file a specification of an invention for....."an improved crematorium"

.....

.....

.....

And whereas the applicant has duly complied with all the requirements of Section 5 of the said Regulation;

The Government of Mysore are pleased, under Section 6 of the said Regulation, to authorize the applicant to file a specification of the said invention in accordance with the provisions of the said Regulation.

ORDERED, that the applicant be, and he is hereby, informed accordingly.

By Order of the Government of Mysore,

Recd 21.4.20

20/4/20.

For Chief Secretary to the Govt. of Mysore,

~~General Department.~~

20.4.20.

Certified that the fees prescribed in the fourth schedule to the Mysore Inventions and Designs Regulation, 1894, in respect of the application for leave to file the said specification and of the filing thereof have been paid by the applicant, and that the specification hereinbefore described has been duly filed in accordance with the provisions of Section 8 of the said Regulation on this the ..Twentieth..... day of.....April.....1920.

Dft

For Chief Secretary to the Govt. of Mysore,

General Department.

(*Section 8 of the Inventions and Designs Regulation, 1894.*)

8. (1) If within six months from the date of an order under Section 6, Sub-Section 1), or within such further time, not exceeding three months, as the Government of Mysore, in its discretion, may, on cause shown to its satisfaction and on payment of the fee prescribed in that behalf in the fourth schedule, see fit to allow, the applicant causes a specification of his invention to be filed in manner by this Part required, and the fee prescribed in the fourth schedule in respect of the filing of the specification to be paid, the applicant shall, subject to the other provisions of this Part, be entitled to the exclusive privilege of making, selling and using the invention in the Territories of Mysore, and of authorizing others so to do, for a term of fourteen years from the date of the filing of the specification.

2) But an exclusive privilege in respect of an invention of a new manufacture shall, notwithstanding anything in Sub-Section (1), cease, if the inventor fails to pay, within the time limited in that behalf by the fourth schedule, any fee prescribed in that schedule in respect of the continuance of the privilege.

(3) If, nevertheless, in any case, by accident, mistake, or inadvertence, an inventor fails to pay any such fee within the time so limited, he may apply to the Government of Mysore for an enlargement of the time for making the payment.

(4) Thereupon the Government of Mysore may enlarge the time accordingly, on payment of the fee prescribed in that behalf in the fourth schedule, and subject to the following conditions, namely :—

(*a*) the time for making a payment shall not in any case be enlarged for more than three months ; and

(*b*) if any suit is instituted in respect of an infringement of the exclusive privilege committed after a failure to make a payment within the time limited for the making thereof and before the enlargement of that time, the Court disposing of the suit may, if it thinks fit, refuse to award or give any damages in respect of the infringement.

W D 02300—GPB 500—24-11-16

No. G 25043

G.M. 189-19-5

(19

G. R. S.VI—s.-v/21]

Government of Mysore.

GENERAL DEPARTMENT.

Register No. 31 **of 19** 19-20.

Bangalore, the April *19* 20.

WHEREAS an application, dated the 23rd March 1920 and received on the 29th March 1920., has been submitted under Section 5 of the Mysore Inventions and Designs Regulation, 1894, by Messrs. John ~~Albert Lee~~ Anson Minnitt and John ~~Anson Minnitt~~ Albert Lee, Director and Managing Director respectively of John E. Minnitt Ltd of Ballard Road, Bombay (hereinafter referred to as "the applicant") for leave to file a specification of an invention for "an improved crematorium"

And whereas the applicant has duly complied with all the requirements of Section 5 of the said Regulation;

The Government of Mysore are pleased, under Section 6 of the said Regulation, to authorize the applicant to file a specification of the said invention in accordance with the provisions of the said Regulation.

ORDERED, that the applicant be, and he is hereby, informed accordingly.

By Order of the Government of Mysore,

D. Subbarayappa.

For Chief *Secretary to the Govt. of Mysore,*
~~*General Department.*~~

NMA

Certified that the fees prescribed in the fourth schedule to the Mysore Inventions and Designs Regulation, 1894, in respect of the application for leave to file the said specification and of the filing thereof have been paid by the applicant, and that the specification hereinbefore described has been duly filed in accordance with the provisions of Section 8 of the said Regulation on this the Twenty-sixth day of July 1920.

for Chief *Secretary to the Govt. of Mysore,*
~~*General Department.*~~

KNN

26/7/20

(Section 8 of the Inventions and Designs Regulation, 1894.)

8. (1) If within six months from the date of an order under Section 6, Sub-Section (1), or within such further time, not exceeding three months, as the Government of Mysore, in its discretion, may, on cause shown to its satisfaction and on payment of the fee prescribed in that behalf in the fourth schedule, see fit to allow, the applicant causes a specification of his invention to be filed in manner by this Part required, and the fee prescribed in the fourth schedule in respect of the filing of the specification to be paid, the applicant shall, subject to the other provisions of this Part, be entitled to the exclusive privilege of making, selling and using the invention in the Territories of Mysore, and of authorizing others so to do, for a term of fourteen years from the date of the filing of the specification.

(2) But an exclusive privilege in respect of an invention of a new manufacture shall, notwithstanding anything in Sub-Section (1), cease, if the inventor fails to pay, within the time limited in that behalf by the fourth schedule, any fee prescribed in that schedule in respect of the continuance of the privilege.

(3) If, nevertheless, in any case, by accident, mistake, or inadvertence, an inventor fails to pay any such fee within the time so limited, he may apply to the Government of Mysore for an enlargement of the time for making the payment.

(4) Thereupon the Government of Mysore may enlarge the time accordingly, on payment of the fee prescribed in that behalf in the fourth schedule, and subject to the following conditions, namely :—

(*a*) the time for making a payment shall not in any case be enlarged for more than three months ; and

(*b*) if any suit is instituted in respect of an infringement of the exclusive privilege committed after a failure to make a payment within the time limited for the making thereof and before the enlargement of that time, the Court disposing of the suit may, if it thinks fit, refuse to award or give any damages in respect of the infringement.

W D 02300—GPB—500—24-11-16

G. R. S. VI—S-V/13] DRAFT.

SUBJECT.....

.....

.....

Section. G.M.
File No. 189-19
Serial No. 6

No. G.25044.

Diary No. of letter replied to 16740

To

Messrs. De Penning and De Penning,
Patent Agents,
Calcutta.

GENERAL AND REVENUE SECRETARIAT,
(G.M.)
, *the*.....191 .

GENTLEMEN,

With reference to your letter No. 111
dated the 23rd March 1920,
I am directed to forward herewith G. O.
No. G. 25043 / G. M. dated the 4/5/20
191 , authorizing Messrs. John Albert Lee and John Anear Minnitt, Director and Managing Director respectively of John E. Minnitt Ltd. of Ballard Road, Bombay,
to file a specification of an invention for
"an improved crematorium"
.....
.....
and to request that the fact may be communicated to the party concerned.

~~I have, etc.~~
Yours faithfully,

Date of issue 4/5/20

Signed by Mr D C S

Recd 4.6.20

DCS 20/4/20.

for Chief *Secretary to Government.*

MJS 20.4.20.

ESTABLISHED 1856.

De Penning & De Penning,

PATENT AGENTS

MEMBERS CHARTERED INSTITUTE PATENT AGENTS
LONDON
F. M. AUSTRALASIAN INSTITUTE PATENT ATTORNEYS
MELBOURNE.

TELEGRAPH & CABLE ADDRESS:—
"DEPEND CALCUTTA."
CODES USED:—
5TH ED. A.B.C., WESTERN UNION & SINGERS CODE.

10, Government Place, East,
Calcutta.

(21)

9th July 1920.

DIARY NO. 1160

CHIEF SECRETARIAT.
IV
MINOR Depts:
20 JUL 1920

The Chief Secretary to the Government of
H. H. The Maharaja of Mysore
General Department
Bangalore.

20 JUL 1920
12-18
SECTION G.M.
FILE NO 189-19
ITEM NO 7

Sir,

We have the honour to forward under separate cover five copies of the specification of Messrs Minnitt and Lee's invention for "An improved Crematorium" together with the fee of Rs 30/- by money order.

We have the honour to request that the "Order" may be amended from JOHN ALBERT LEE & JOHN ANSON MINNITT to that of JOHN ANSON MINNITT & JOHN ALBERT LEE as same was originally an oversight. If any further fee is payable in the matter we shall be pleased to forward same on hearing from you. We enclose a copy of the Indian patent office amendment.

We have the honour to be

Sir,

Your most obedient servants

De Penning & De Penning

(2 2

S P E C I F I C A T I O N.

To All Whom It May Concern:-

Be it known that we, JOHN ANSON MINNITT, A. M. I. M. E., Managing Director, and John Albert Lee, A.M.I.M.E., Director, both of John E. Minnitt Ltd. of Ballard Road, Bombay, are in possession of an invention for "An improved crematorium" and that we, the said JOHN ANSON MINNITT and JOHN ALBERT LEE do hereby declare the nature of the said invention and the manner in which the same is to be performed to be particularly described and ascertained in and by the following statement:-

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

(23

Our invention relates to improvements in crematoriums and has for its object to meet a demand for a method for the burning of bodies of Hindoos and others in a sanitary and economical manner, to replace the existing custom of burning same in the open and to do so without undue interference with religious customs and susceptibilities.

Our invention is illustrated in the following drawings in which:-

Figure 1 is an elevation.

Figure 2 is a plan and

Figures 3 and 4 are end elevations of our improved crematorium.

The first operation is to heat the whole plant by a fire of wood or coal or oil, etc in the furnace proper A.

The body delivered for burning is placed on to the trestles C.C.C.

The Conveyor apparatus D is suspended from the pulley P which travels on the guide rail R and is swung round by means of its weighted handle H to a position over the body, the Grabs being constructed so that they rest at the "open" position, thus permitting the arms to pass over the body and are then closed by hand, the handle H is now tilted and the weight of the body which is now resting on the arms being greater than the total weights of the counterpoise at the upper end of the arms they are retained in the "closed" position, thus containing the body in a kind of cage.

The Grabs consist of a number of pairs of semicircular arms J.J.J.pivotted in the conveyor D and having their upper ends weighted, the lower ends of these arms are constructed to remain at the "open" position until it is desired to lift the body, they are then closed by hand, and the weight of the body during the operation of lifting is sufficient to prevent the grabs opening.

Any convenient number of grabs may be used.

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

At this point the "Starting of the fire" ceremony is performed and then the body is swung round until in line with the crematory chamber B the crematory chamber door W is opened and the conveyor with the body travels along the guide rail R on the pulley P into the crematory chamber B.

The body is rested on the points B1 within the crematory chamber B, and the weight of the body being thereby removed from the arms of the grab, the arms open and automatically release the body. The conveyor is then withdrawn, the door closed and the incineration begins.

The body is supported within the chamber on pillars or walls built of brickwork or other refractory material and is constructed so that their upper ends are rounded and has a deeper sloping surface on the side away from the furnace so that the flames are directed on practically the whole body and the heat received on the deeper sloping surfaces radiates the heat back on to the body. Any convenient number of supports may be used.

The furnace in the accompanying drawings is shown built in a line with Crematory Chamber B, but this may be constructed at any convenient angle, the crown of the furnace is preferably built in a slope towards the Crematory Chamber B, but may also be built straight, the furnace is fired and regulated through the door X at the further end.

The chimney is connected to the furnace by the flues E.E.E.E. and the heat must pass through the body. The change in the direction of the flow of the gases at the point of contact with the body causes the gases generated by products of combustion of the furnace to thoroughly mix with the gases generated by the burning body, and the cyclonic action thus produced assists the rapidity of burning by its disintergratory effect.

The body is reduced to ashes after a certain period, and the ashes can be recovered from the subsidiary chambers into which it has fallen by gravity through the doors F.F.F.F.

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

The heat can be maintained in the furnace and renewed through the door X and the crematory chamber is ready for another operation

We claim:-

1. In a crematorium, the construction of a crematory chamber in direct relation with a furnace, in which the furnace proper may be fired continuously whilst the crematory chamber be used intermittently.

2. The supports for the body within the crematory chamber consisting of pillars or walls built of brickwork or other refractory material having the upper ends rounded, with a deeper sloping surface on the side away from the furnace, so that the flames may be directed on the whole of the body and radiate the heat received by the sloping surfaces back on to the body.

3. In a crematorium the construction of subsidiary chambers, substantially as and for the purpose described.

4. In a crematorium as claimed in Claim 1, the construction of flues passing from below the body to be cremated to the chimney, substantially as and for the purpose described and as illustrated in the accompanying drawings.

5. The use and construction of grabs for a crematorium, each consisting of a pair of semi-circular arms pivotted to the conveyor and surmounted by weighted ends, adapted to raise a body from the trestles and to place same on points within the crematory chamber, substantially as described and as illustrated in the accompanying drawings.

6. A crematorium constructed substantially as described and as illustrated.

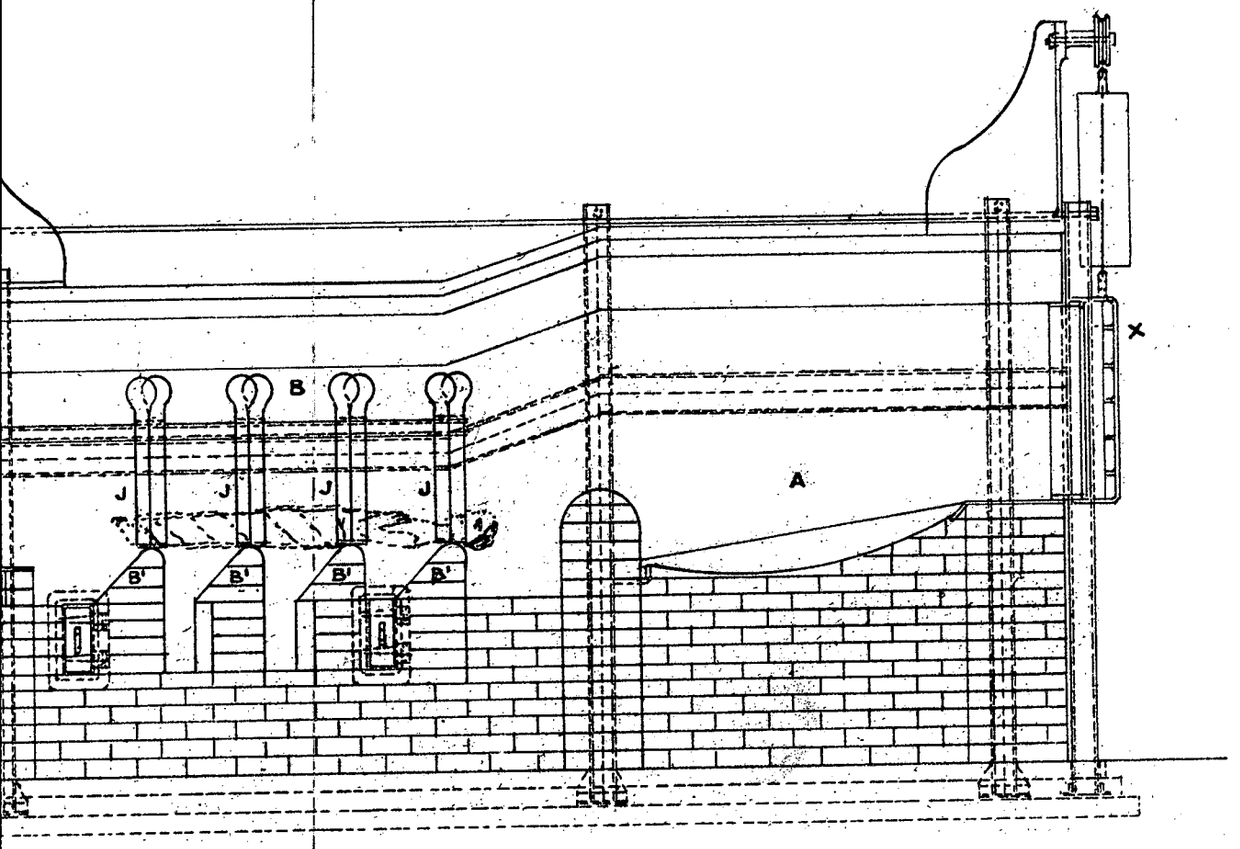
Dated this 10th day of July 1920.

DePenning & DePenning
Agents for the Applicants.

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

3 Sheets

SHEET No. 2.



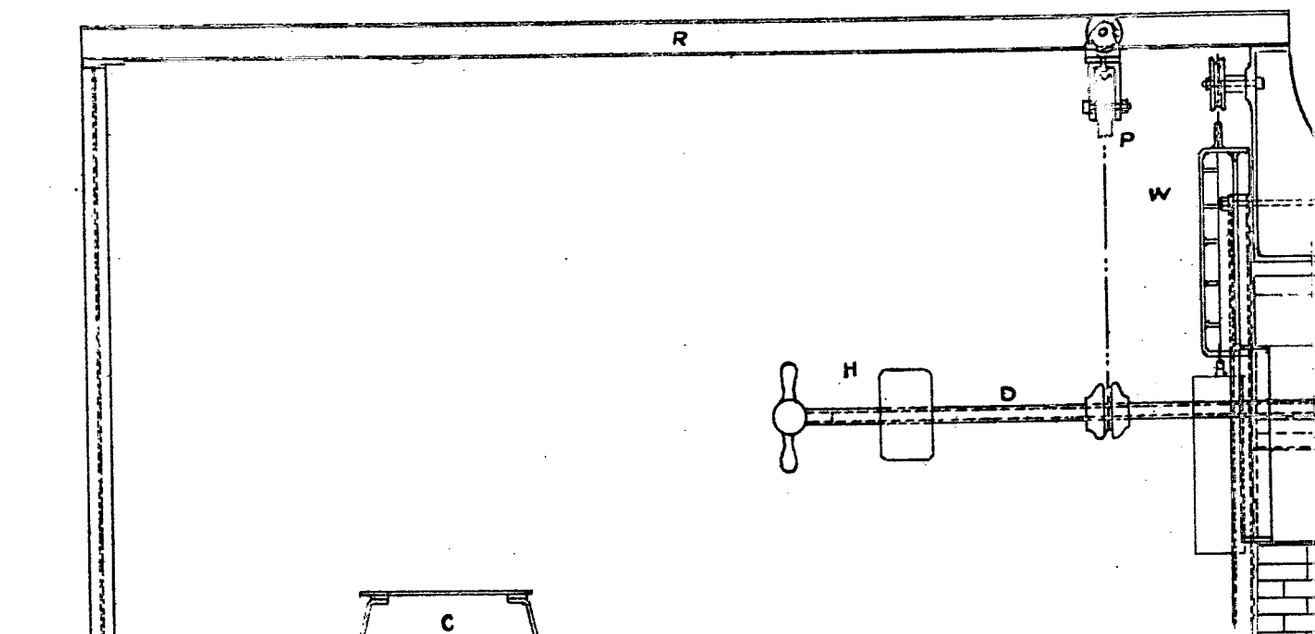
Delenning & Delenning

Agents for the Applicant

J. A. Lee & J. A. Minnitt.

No 4424 of 1919.

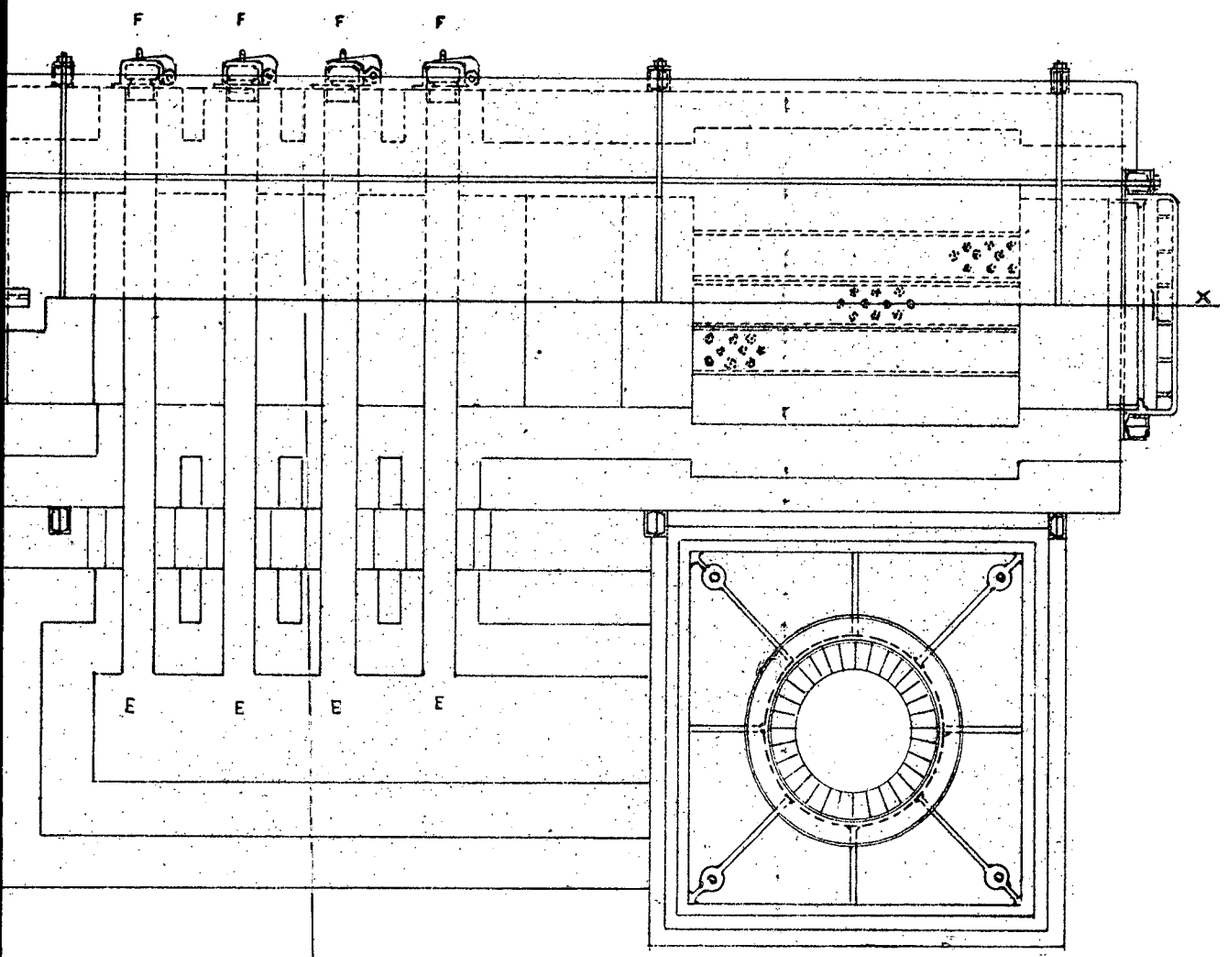
FIG. 1



3 Sheets

SHEET No. 1.

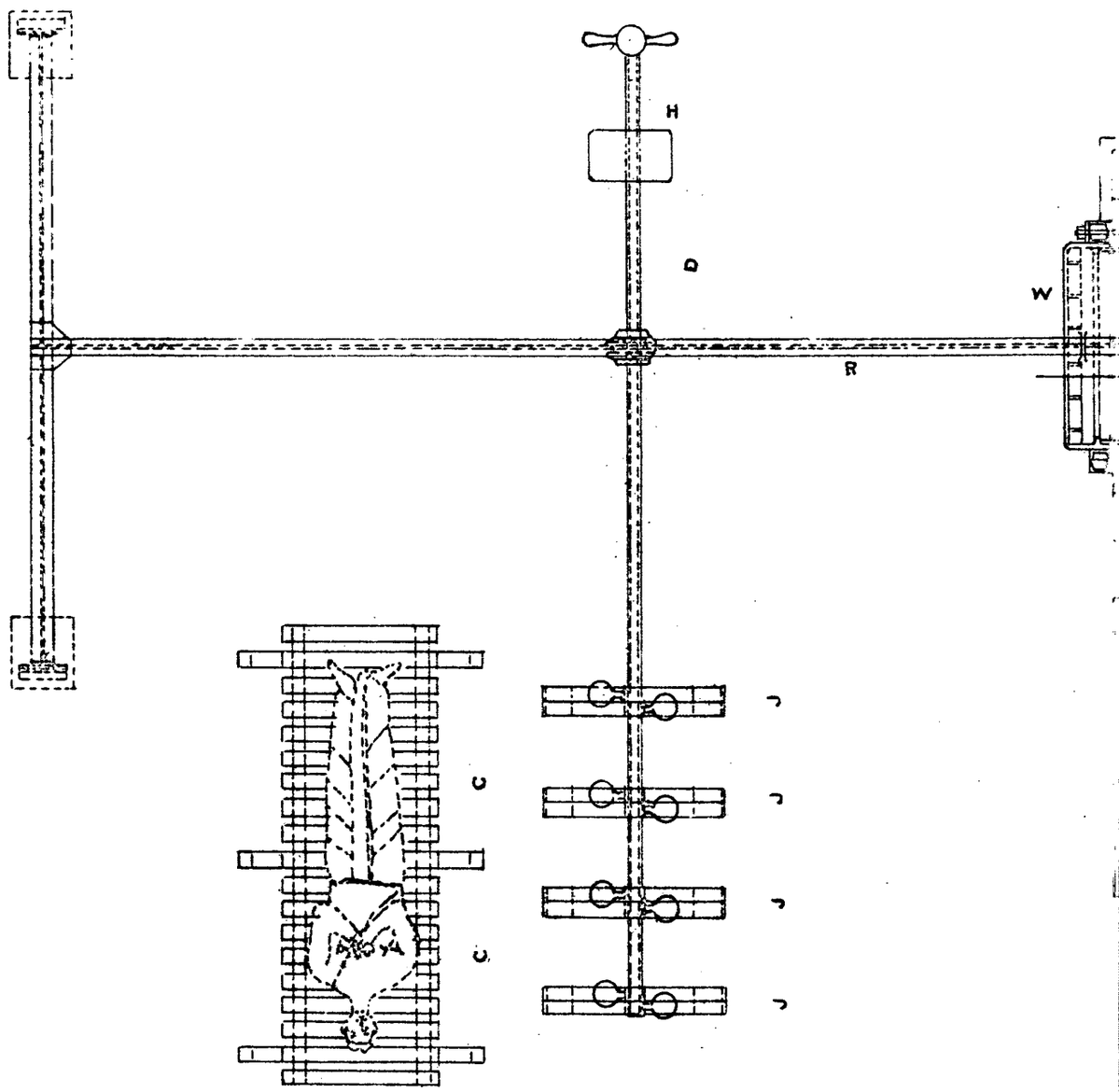
FIG. 2.



Delemming & Delemming
Agents for the Applicants.

J. A. Lee & J. A. Minnitt.

No 4424. of 1919.



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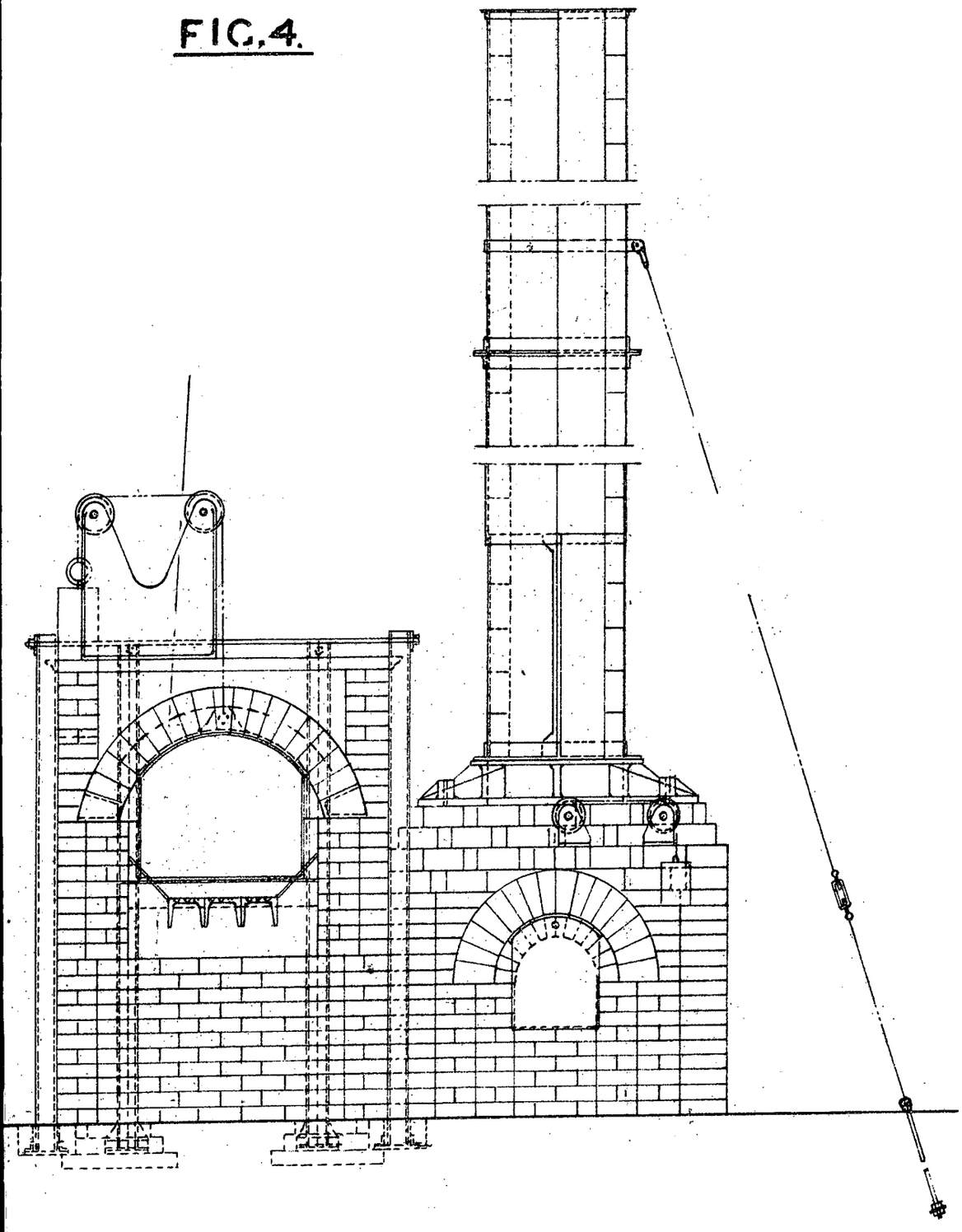
SHEET No. 3.

FIG. 4.

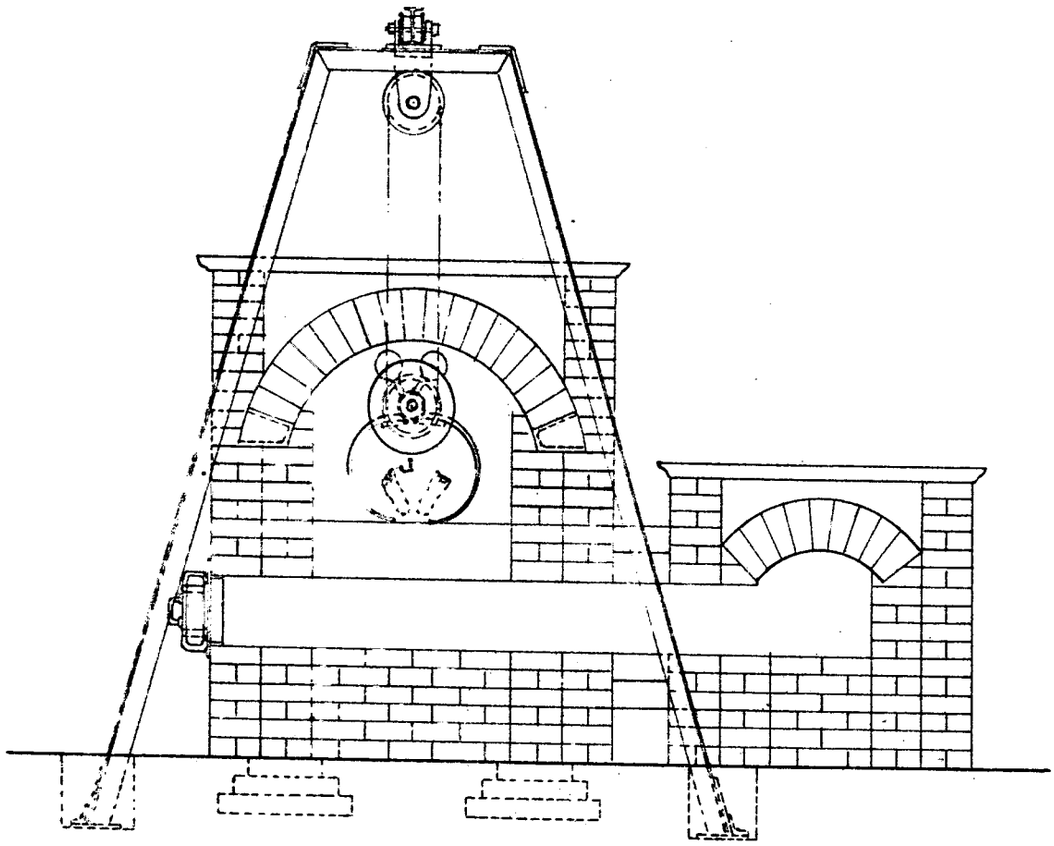


Desenning & Desenning
Agents for the Applic

J. A. Lee & J. A. Minnitt.

No 4424 of 1919.

FIG. 3.



(28

S P E C I F I C A T I O N.

To All Whom It May Concern:-

Be it known that we, JOHN ANSON MINNITT, A. M. I. M. E., Managing Director, and John Albert Lee, A.M.I.M.E., Director, both of John E. Minnitt Ltd. of Ballard Road, Bombay, are in possession of an invention for "An improved crematorium" and that we, the said JOHN ANSON MINNITT and JOHN ALBERT LEE do hereby declare the nature of the said invention and the manner in which the same is to be performed to be particularly described and ascertained in and by the following statement:-

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

(21

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DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

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The body is reduced to ashes after a certain period, and the ashes can be recovered from the subsidiary chambers into which it has fallen by gravity through the doors F.F.F.F.

The heat can be maintained in the furnace and removed through the door A and the crematory chamber is ready for another operation

We claim:-

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6. A crematorium constructed substantially as described and as illustrated.

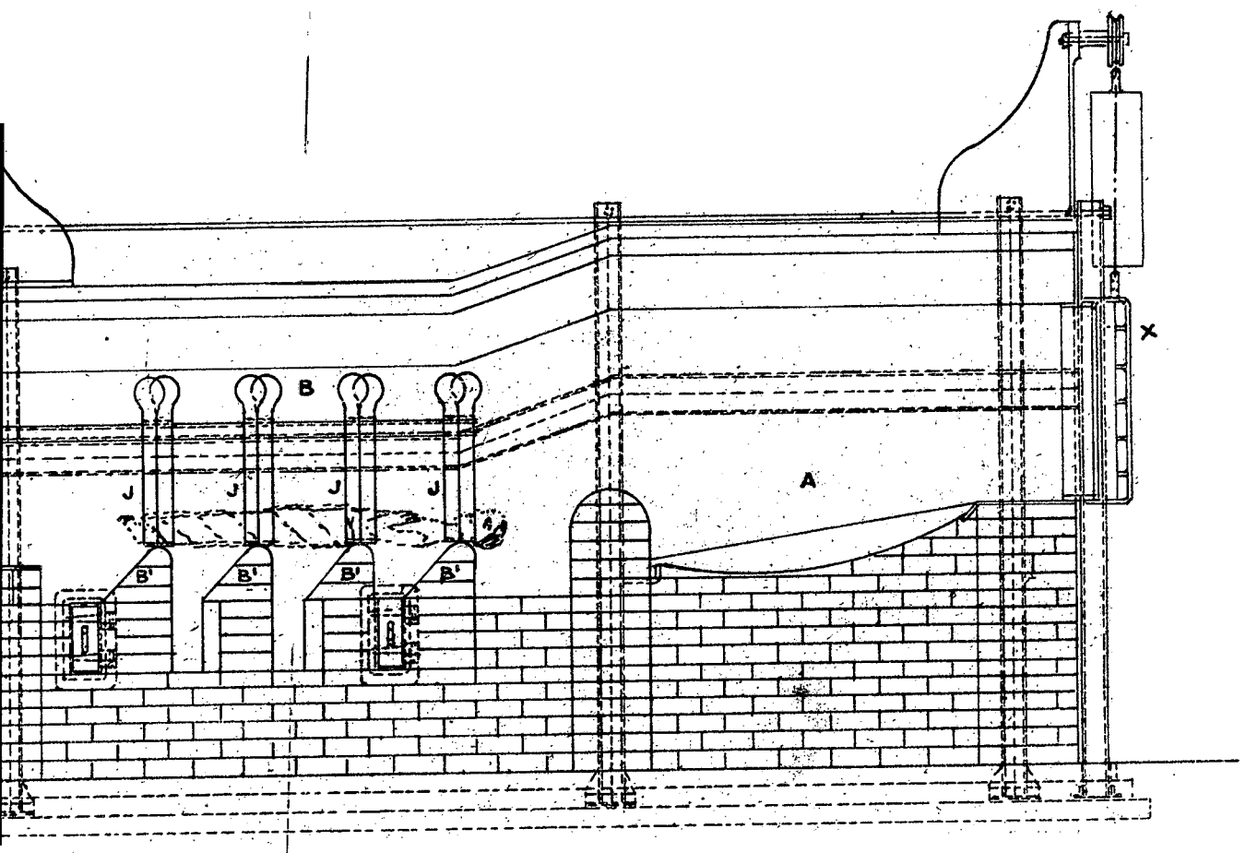
Dated this 10th day of July 1923.

DePenning & DePenning
Agents for the Applicants

DePENNING & DePENNING
PATENT AGENTS
CALCUTTA.

3 Sheets

SHEET No. 2.



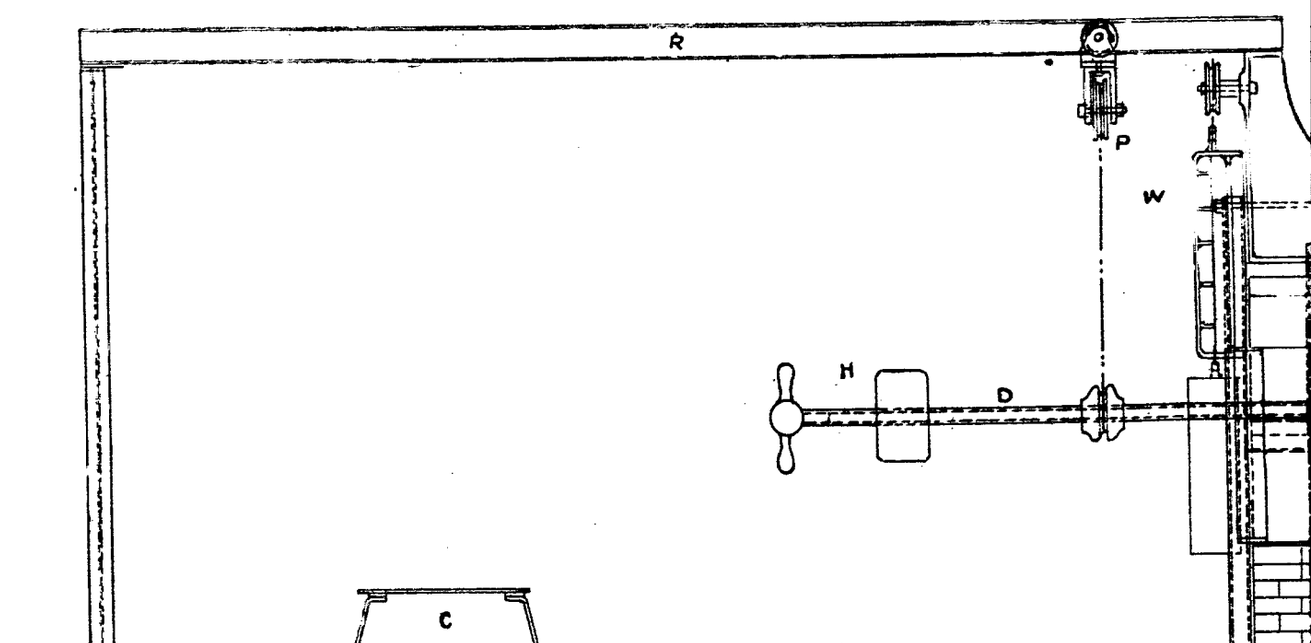
Delemung Delemung

Agents for the Applicants

J. A. Lee & J. A. Minnitt.

No 4424 of 1919.

FIG. 1



J. A. Lee & J. A. Minnitt.

No 4424 of 1919.

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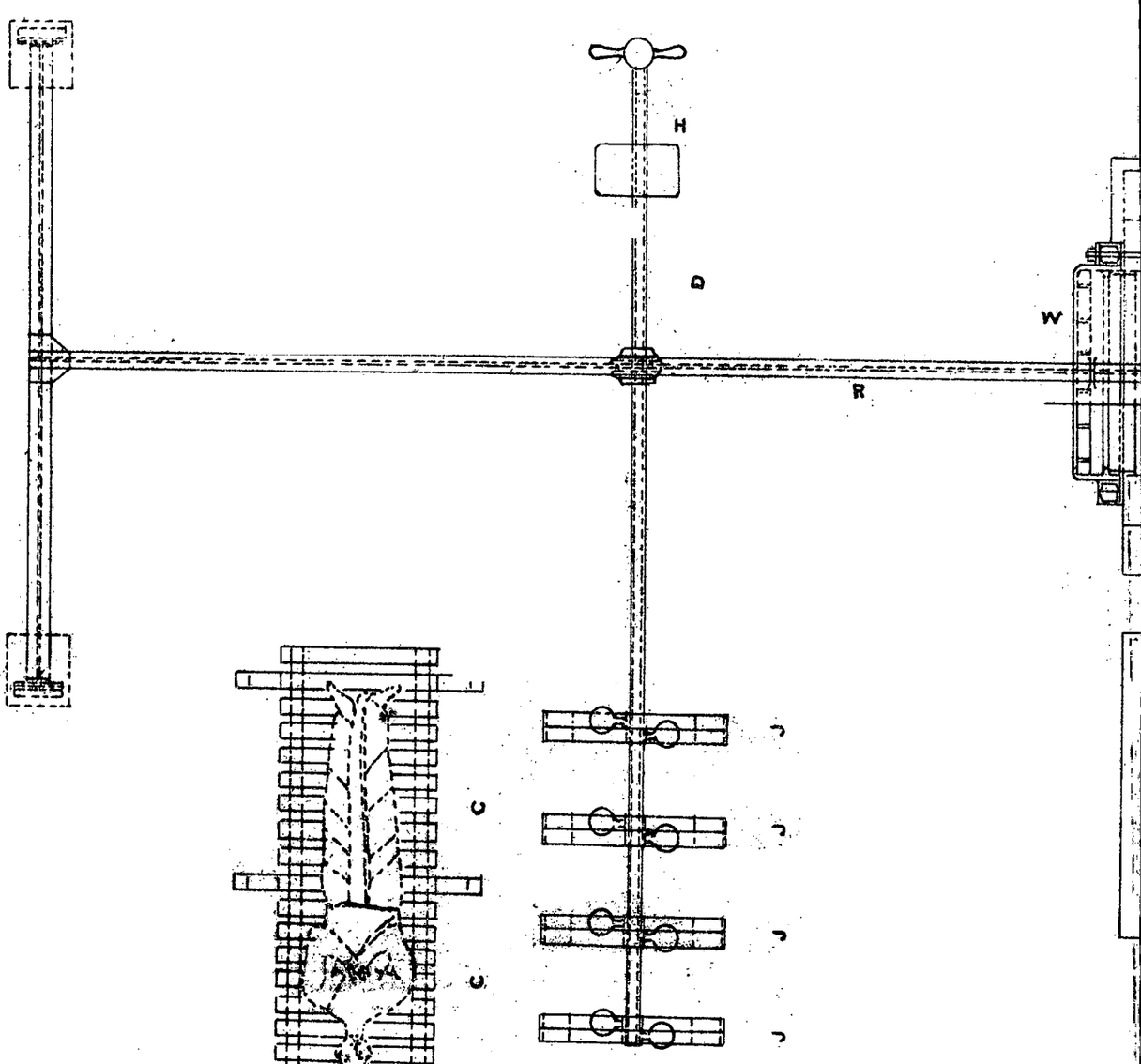
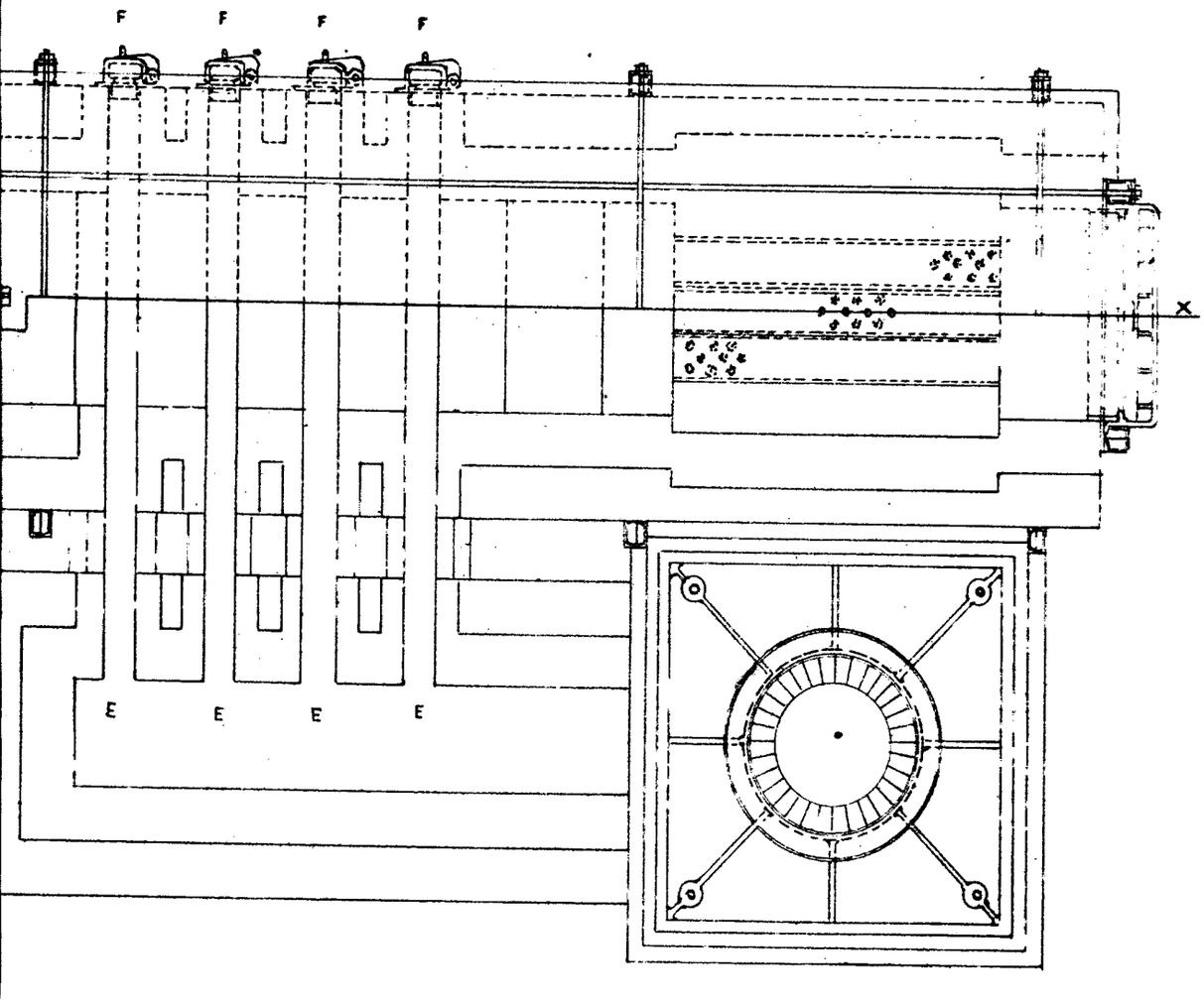


3 Sheets

SHEET No. 1.

FIG. 2.



Delemming & Delemming
Agents for the Applicants.

3 Sheets

SHEET No. 3.

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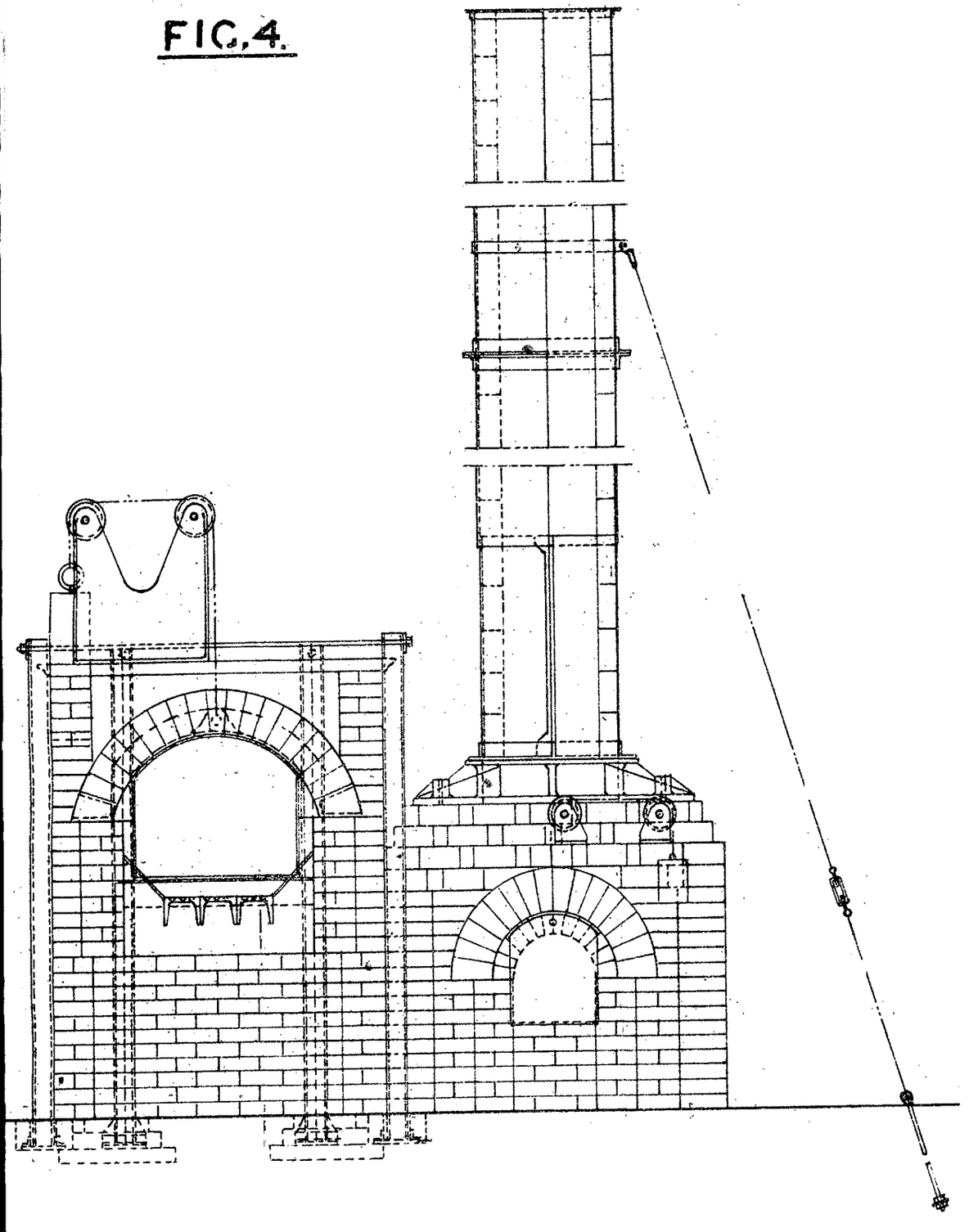
FIG. 4.

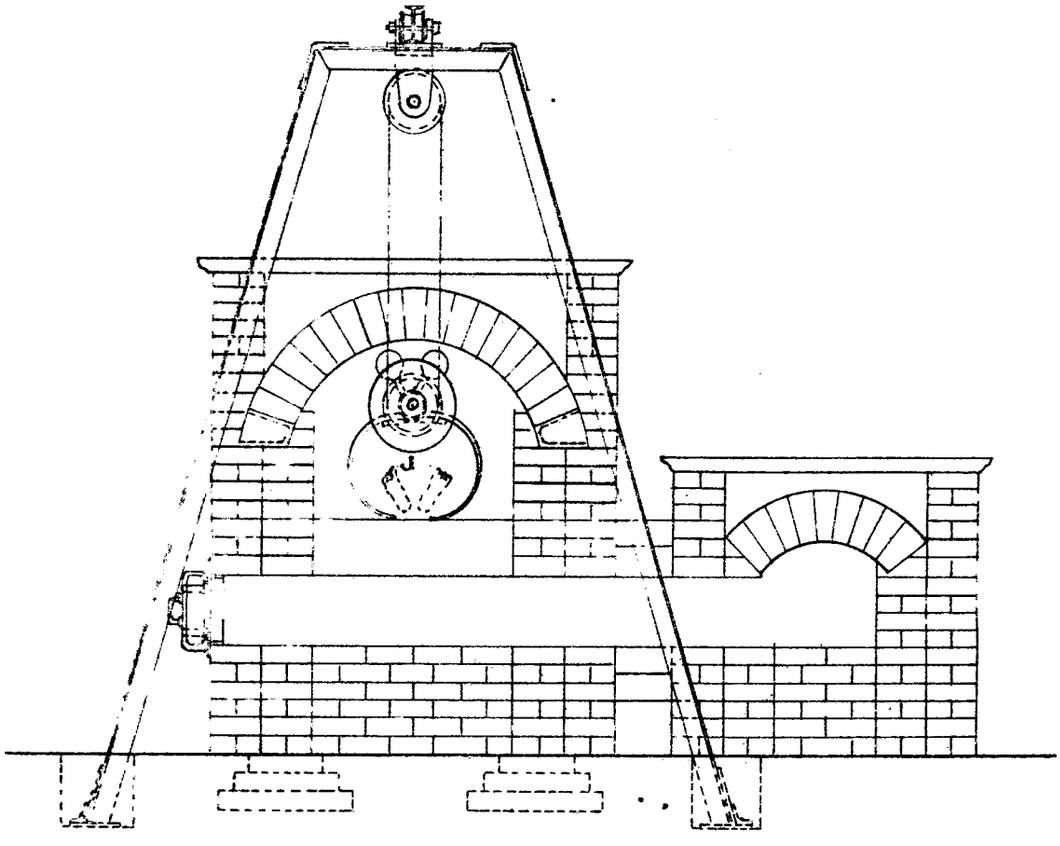


Delevning & Delevning
Agents for the Applic

J. A. Lee & J. A. Minnitt.

No 4424 of 1919.

FIG. 3.



COUPON. *The remitter may write here any communication to the payee.*

Rs. 30 / As.

Fee for filing specn. Minnett & Lee

Myane patent appl.: 31 of 1919-1920.

Remitter.

16.7.20.

WD 2900—GPE—1,500—27-5-18

GOVERNMENT OF H. H. THE MAHARAJA OF MYSORE,
GENERAL AND REVENUE SECRETARIAT.

No.

Dated Bangalore,.....191

FROM

P. G. D'SOUZA, ESQ., B.A., B.L.,
Offg. Secretary to the Government of His Highness the Maharaja of Mysore,
Departments of Education, Agriculture, Industries and Commerce.

To

SIR,

(34

Fm. 189 19-8

Duplicate.

(To be returned to the General and Revenue Secretariat for being placed in the file.

1. No. 278

2. Date of Remittance 28 July 1920.

3. From whom received Messrs Dalgety Mng Delhi mng Calcutta

4. Date of receipt of amount in the General and Revenue Secretariat 28.7.20.

5. On what account Ship fees for Ins no 314 19.20 by mess J.E. Mannit Ltd Bombay

6. Amount (in figures and words) Rs 30/- Rupees Thirty only

7. The head to which it should be credited.

(To be filled in by the Treasury.)

K Subbarayappa.

For Chief *Secretary to Government,*

~~*General Department.*~~

The above amount has been duly received and credited in the Treasury on this date.

Date 28-7-20.

ctt. *Treasurer.* *Try. Officer.*

h the counterfoil and the duplicate to be ned to the General and Revenue Secretariat signed by the Treasury Department.

Draft - 2 copies (31

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

GENERAL AND REVENUE SECRETARIAT

Bangalore, Dated 7/8/1920

No. G3058

fm 189 1919

NOTIFICATION.

(PATENT)

The following specification of an invention has been filed in accordance with Sections 8, 9, 10 and 11 of Regulation XI of 1894 (The inventions and Designs Regulations) and is open to inspection at the Mysore Government Secretariat on application to the Chief Secretary to the Government of His Highness the Maharaja of Mysore, and on payment of a fee of one Rupee.

By Messrs John Anson Minnitt, A.M.I.M.E, Managing Director, and John Albert Lee, A.M.I.M.E Director, both of John E. Minnitt Ltd of Ballard Road, Bombay

"An improved Crematorium"

By Order,

ACS 27/7/20

for Chief Secretary to Government.

To

The Compiler, Mysore Gazette, for publication.

735

3 drafts

G. R. S. VI—s-v/18

DRAFT.

SUBJECT.....

.....

.....

No.

Section. 5.m
File No. 189-19
Serial No. 10

Diary No. of letter replied to 1160

5 3059(2)

GENERAL AND REVENUE SECRETARIAT
( )
, *the* ...191 .

To

Messrs Delemmings Delemming

10, Government Place East

Calcutta

Date of issue 7/8

Signed by M^r Dcs

Sir, Gentlemen,

With reference to your letter dated 9.7.1920 I am directed to forward copy of a Notification No. 3058 dated 7/8/20 issued by this Government in regard to the invention filed by you under Regulation XI of 1894 (The Inventions and Designs Regulations.)

The order granting permission to file specification is herewith returned, with the certificate at foot, duly filled in and signed.

~~I have, etc.,~~ Yours faithfully

dcs 11/7/20.

for Chief Secretary to Government.

G. R. S. VI.—s-v/12]

DRAFT.

3 Drgts

SUBJECT.....

.....

.....

Section. G. M.
File No. 189-19
Serial No. 11

No. G 3060-2

and Blank

Diary No. of letter replied to 1160

GENERAL AND REVENUE SECRETARIAT,
( )
, *the* ..... *191* .

(1) *The Superintendent, Govt. Museum.*
(2) *The Chief Engineer of Mysore.*
(3) Secretary the Board for Chemical and Industrial Research and Scientific advice

Date of issue 7/7

Signed by M. Lees

Has the honor to forward herewith for record in his office copy of a specification of an invention for "An improved Crematorium" by Messrs John Anson Minnitt A.M.I.M.E. Managing Director and John Albert Lee, A.M.I.M.E. Director, both of John E. Minnitt Ltd. of Ballard Road, Bombay

By Order,

Lees 7/7/20.

For Chief Secretary to Government.

Lees 7/7/20.